

- mammalian keratinocytes and melanocytes in vitro. *Eur J Cell Biol* 27:88-95, 1982
3. Gros D, Bruce B, Challice CE, Schrevel J: Ultrastructural localization of concanavalin A and wheat germ agglutinin binding sites in adult and embryonic mouse myocardium. Some problems of controls in methods using peroxidase as a cytochemical marker. *J Histochem Cytochem* 30:193-200, 1982
 4. Fritsch P, Tappeiner G, Pohlin G, Schuler G: The culture of normal mammalian melanocytes, *The Epidermis in Disease*. Edited by R Marks, E Christophers. Lancaster, UK, MTP Press Ltd., 1981, pp 459-473
 5. King JA, Tabiwo A, Williams RH: Incorporation of L-[³H] fucose and D-[³H] glucosamine into cell surface associated glycoconjugates in epidermis of cultured pig skin slices. *Biochem J* 190:65-77, 1980
 6. Mann PR, Williams RH, Gray GM: Distribution of glycoproteins containing fucose in normal and psoriatic keratinocytes. *Br J Dermatol* 102:649-657, 1980
 7. Gommans JM, Van den Hurk JMA: Lectin binding studies on suspensions of isolated epidermal keratinocytes. *Br J Dermatol* 104:641-648, 1981
 8. Gahmberg CG: Membrane glycoproteins and glycolipids: structure, localization and function of the carbohydrate, *Membrane Structure*. Edited by JB Finean, RH Michell. Amsterdam, Elsevier/North-Holland, 1981, pp 127-160
 9. Davies HW, Trotter MD: Synthesis and turnover of membrane glycoconjugates in monolayer culture of pig and human epidermal cells. *Br J Dermatol* 104:649-658, 1981
 10. Holt PJA, Hill Anglin J, Nordquist JR, Nordquist RE: Localization of specific carbohydrate configurations in human skin using fluorescein-labelled lectins. *Br J Dermatol* 100:237-245, 1979
 11. Nemanic MK, Elias PM: Localization and identification of sugars in mammalian epidermis. *J Cell Biol* 83:46a, 1979
 12. Rauvala H, Finne J: Structural similarity of the terminal carbohydrate sequences of glycoproteins and glycolipids. *FEBS Lett* 97:1-8, 1979
 13. Sharon N, Lis H: *Glycoproteins, The Proteins*, vol V. Edited by H Neurath, RL Hill. New York, Academic, 1982, pp 1-144
 14. Goldstein IJ, Hayes CE: The lectins: carbohydrate-binding proteins of plants and animals. *Adv Carb Chem Biochem* 35:127-340, 1978
 15. Bhavanandan VP, Katlic AW: The interaction of wheat germ agglutinin with sialoglycoproteins. The role of sialic acid. *J Biol Chem* 254:4000-4008, 1979
 16. Baenziger JV, Fiete D: Structural determinants of concanavalin A specificity for oligosaccharides. *J Biol Chem* 254:2400-2407, 1979
 17. Raz A, McLellan WL, Hart IR, Bucana CD, Hoyer LC, Sela B-A, Dragsten P, Fidler JJ: Cell surface properties of B-16 melanoma variants with differing metastatic potential. *Cancer Res* 40:1645-1651, 1980
 18. Maylié-Pfenninger M-F, Jamieson JD: Development of cell surface saccharides on embryonic pancreatic cells. *J Cell Biol* 86:96-103, 1980
 19. Maylié-Pfenninger M-F, Jamieson JD: Distribution of cell surface saccharides on pancreatic cells. II. Lectin labeling patterns on mature guinea pig and rat pancreatic cells. *J Cell Biol* 80:77-95, 1979
 20. Oppenheimer-Marks N, Grinnell F: Effect of plant lectins on the adhesive properties of baby hamster kidney cells. *Eur J Cell Biol* 23:286-294, 1981
 21. Brysk MM, Snider JM: The effect of the state of differentiation on labeling of epidermal cell surface glycoproteins. *J Invest Dermatol* 78:366-370, 1982
 22. Hakomori S: Glycosphingolipids in cellular interaction, differentiation and oncogenesis. *Annu Rev Biochem* 50:733-764, 1981
 23. Lotan R, Skutelsky E, Danon D, Sharon N: The purification, composition and specificity of the anti-T lectin from peanut (*Arachis hypogaea*). *J Biol Chem* 250:8518-8523, 1975
 24. Skutelsky E, Lotan R, Sharon N, Danon D: Distribution of the T-antigen on erythroid cell surfaces. Studies with peanut agglutinin, an anti-T specific lectin. *Biochim Biophys Acta* 467:165-174, 1977
 25. Goldman R, Sharon N, Lotan R: A differential response elicited in macrophages on interaction with lectins. *Exp Cell Res* 99:408-422, 1976
 26. Pfenninger KH, Maylié-Pfenninger M-F: Lectin labeling of sprouting neurons. I. Regional distribution of surface glycoconjugates. *J Cell Biol* 89:536-546, 1981
 27. Sharon N: Cell surface receptors for lectins: markers of murine and human lymphocyte subpopulations, *Progress in Immunology IV*, vol I. Edited by M Fougereau, J Dausset. London/New York, Academic, 1980, pp 224-273
 28. Raedler E, Raedler A, Feldhaus S: Varying expressions of lectin receptors within embryonic cell layers of murine cerebral cortex. *Anat Embryol* 162:21-28, 1981
 29. Sieber-Blum M, Cohen AM: Lectin binding to neural crest cells. Changes of the cell surface during differentiation in vitro. *J Cell Biol* 76:628-638, 1978
 30. Yogeewaran G, Stein BS, Sebastian H: Altered cell surface organization of gangliosides and sialoglycoproteins of mouse metastatic melanoma variant lines selected in vivo for enhanced lung implantation. *Cancer Res* 38:1336-1344, 1978
 31. Monsigny M, Kieda C, Roche A-C: Membrane lectins. *Biologie Cellulaire* 36:289-300, 1979
 32. Simpson DL, Thorne DR, Loh HH: Lectins: endogenous carbohydrate binding proteins from vertebrate tissues. Functional role in recognition processes. *Life Sci* 22:727-748, 1978
 33. Harrison FL, Chesterton CJ: Erythroid developmental agglutinin is a protein mediating specific cell-cell adhesion between differentiating rabbit erythroblasts. *Nature* 286:502-504, 1980
 34. Kolb H, Kolb-Bachofen V, Schlepper-Schäfer J: Cell contacts mediated by D-galactose specific lectins on liver cells. *Biologie Cellulaire* 36:301-308, 1979
 35. Raz A, Lotan R: Lectin-like activities associated with human and murine neoplastic cells. *Cancer Res* 41:3642-3647, 1981
 36. Lloyd KO, Travassos LR, Takahashi T, Old LJ: Cell surface glycoproteins of human tumor cell lines: unusual characteristics of malignant melanoma. *JNCI* 63:623-634, 1979
 37. Albino AP, Lloyd KO, Houghton AN, Oettgen HF, Old LJ: Heterogeneity in surface antigen and glycoprotein expression of cell lines derived from different melanoma metastases of the same patient. Implications for the study of tumor antigens. *J Exp Med* 154:1764-1778, 1981

The *Gordon Research Conference on Epithelial Differentiation and Keratinization*, chaired by Drs. W. L. Epstein and H. P. Baden, will be held at the Tilton School, Tilton, New Hampshire, August 8-12, 1983. *August 8*: Epidermal gene action (E. Fuchs, moderator). *August 9*: Cell surface molecules (I. A. Bernstein, moderator). *August 10*: Cell attachment and adhesion (M. Karasek, moderator). *August 11*: Retinoids, carcinogenesis and differentiation (S. H. Yuspa, moderator). *August 12*: New vistas (L. Goldsmith, moderator). A poster session will be held Tuesday evening, August 9. Posters will be selected from abstracts sent to W. L. Epstein, Department of Dermatology, University of California, San Francisco, California 94127. Additional information: Alexander M. Cruickshank, Director, Gordon Research Conferences, University of Rhode Island, Kingston, Rhode Island 02881.
